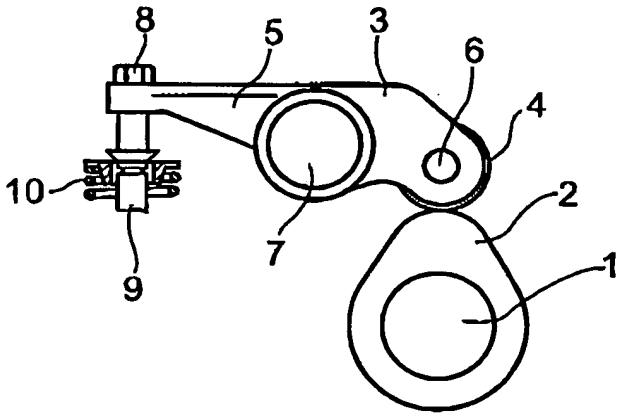


FIG. 1



F I G. 2

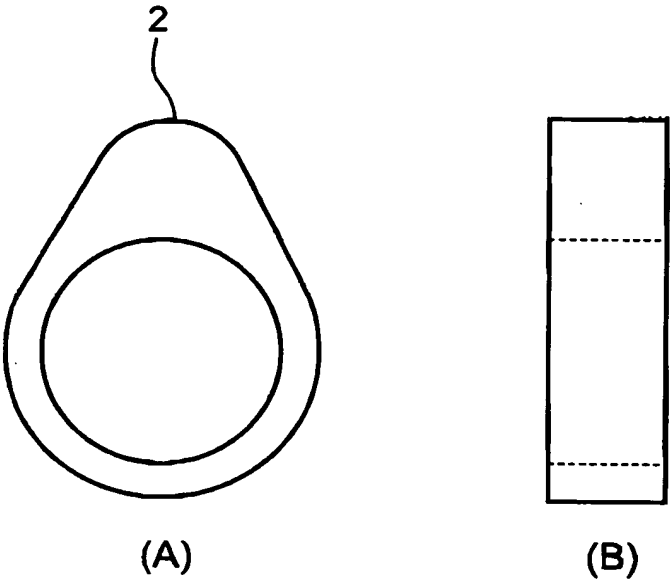
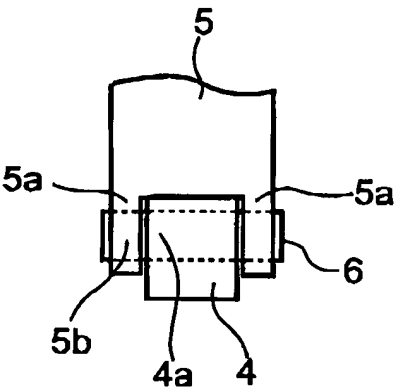
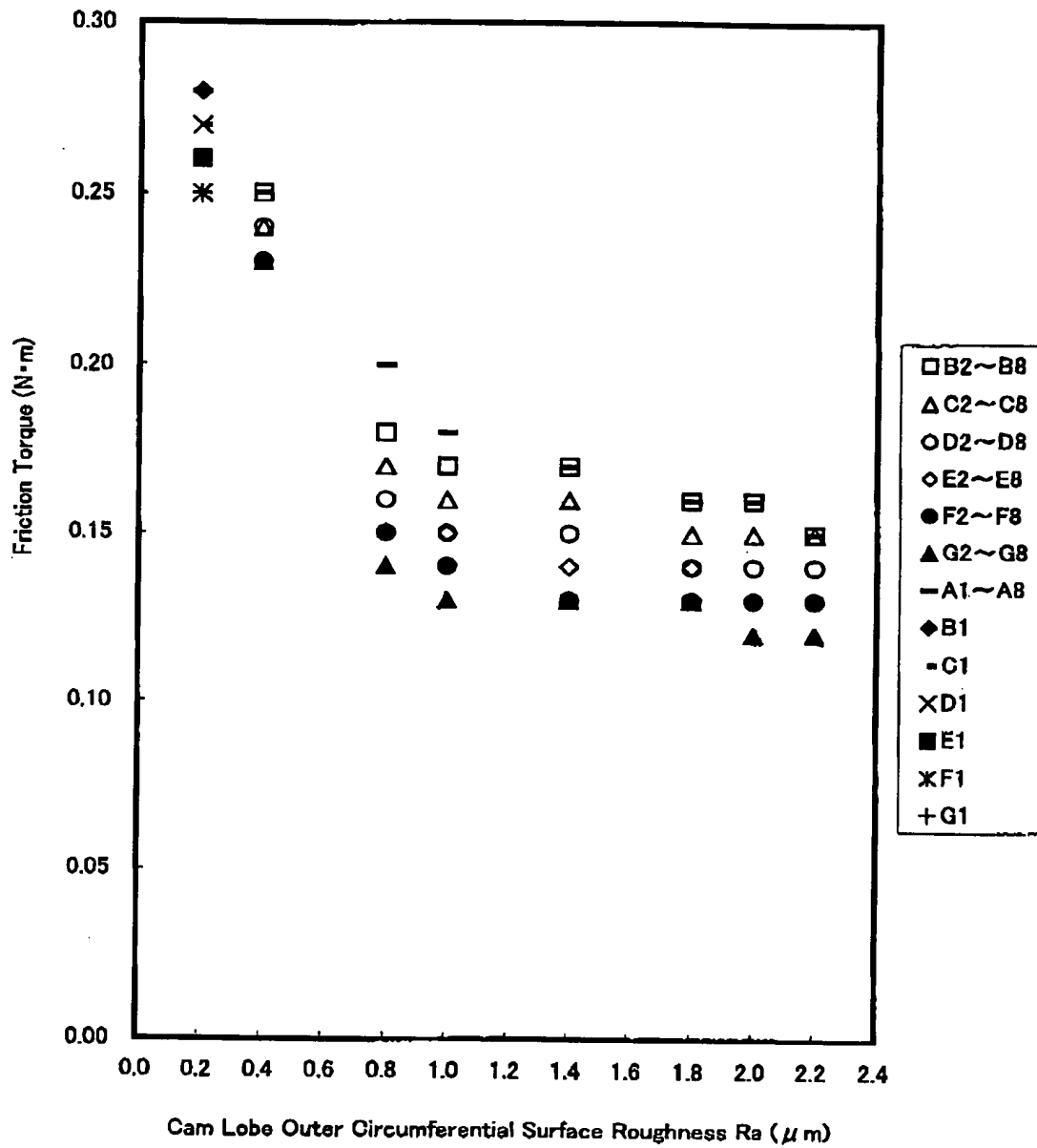


FIG. 3



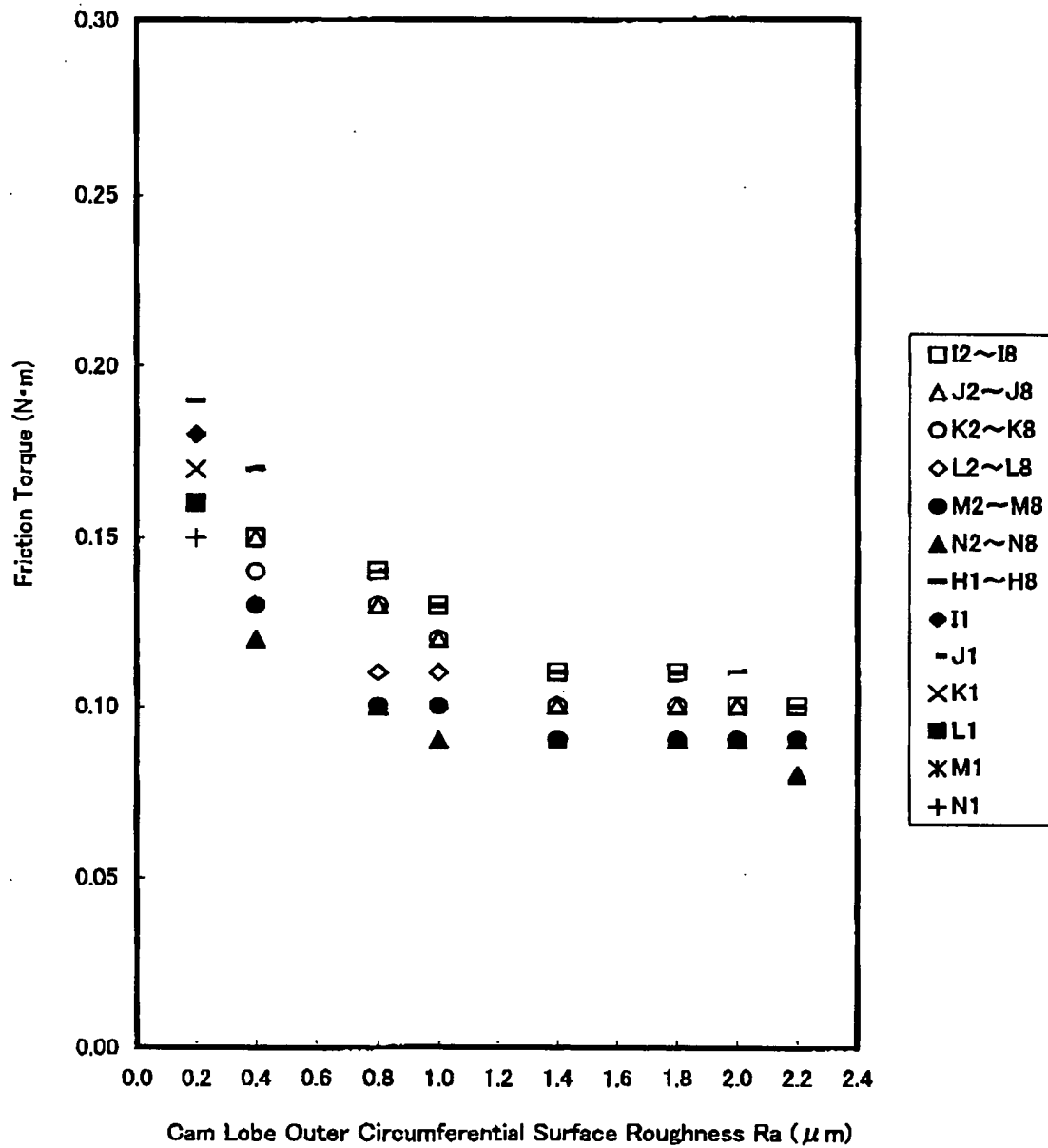
**FIG. 4**

Friction Characteristic according to Combination of Outer Circumferential  
Surface Roughness of Cam Lobe and Roller  
(Rotation Speed: 1,500 rpm)



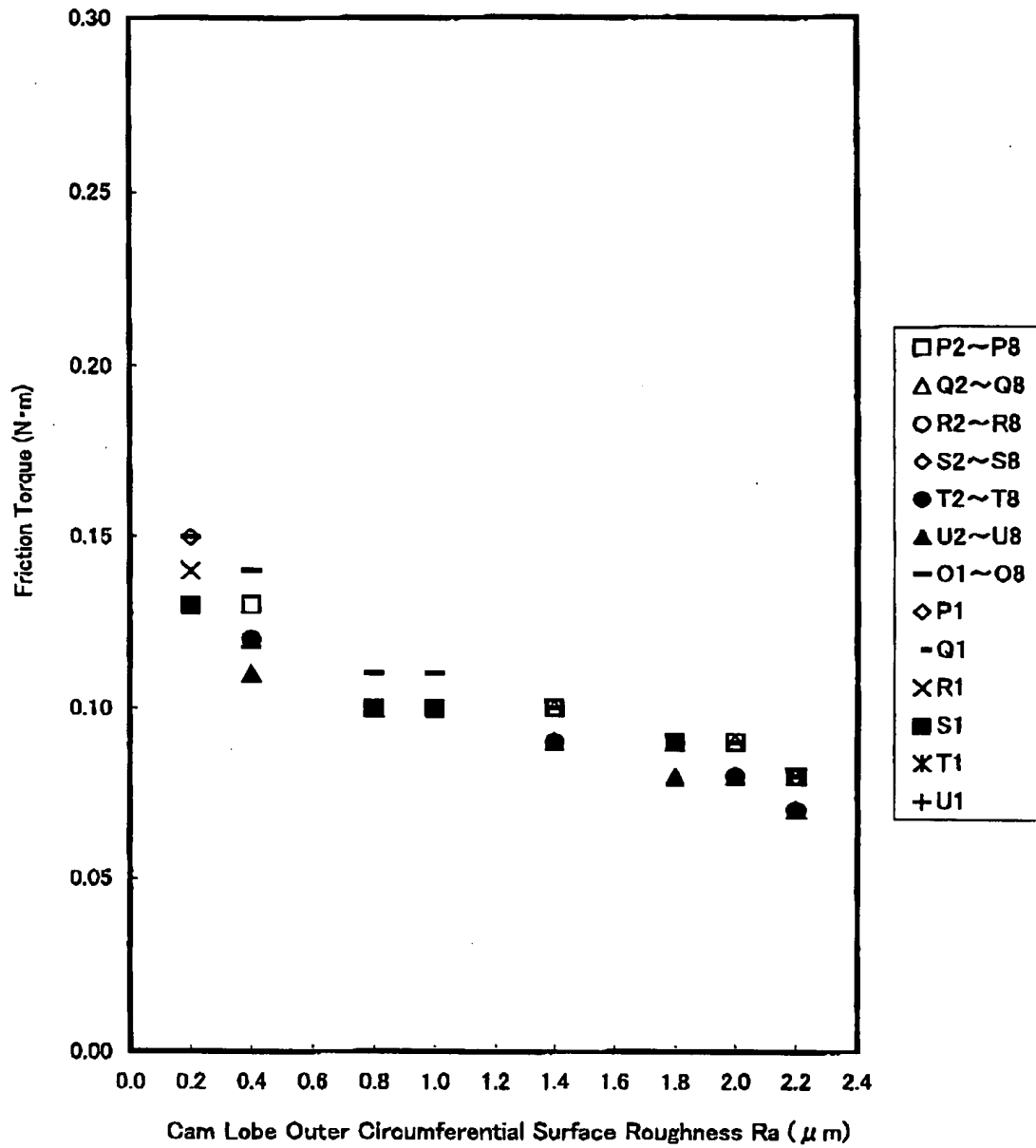
**FIG. 5**

Friction Characteristic according to Combination of Outer Circumferential  
Surface Roughness of Cam Lobe and Roller  
(Rotation Speed: 2,000 rpm)



**FIG. 6**

Friction Characteristic according to Combination of Outer Circumferential  
Surface Roughness of Cam Lobe and Roller  
(Rotation Speed: 2,500 rpm)



**FIG. 7**

Pitching Characteristic according to Combination of Outer  
Circumferential Surface Roughness of Cam Lobe and Roller  
(Contact Load: 3,000 N)

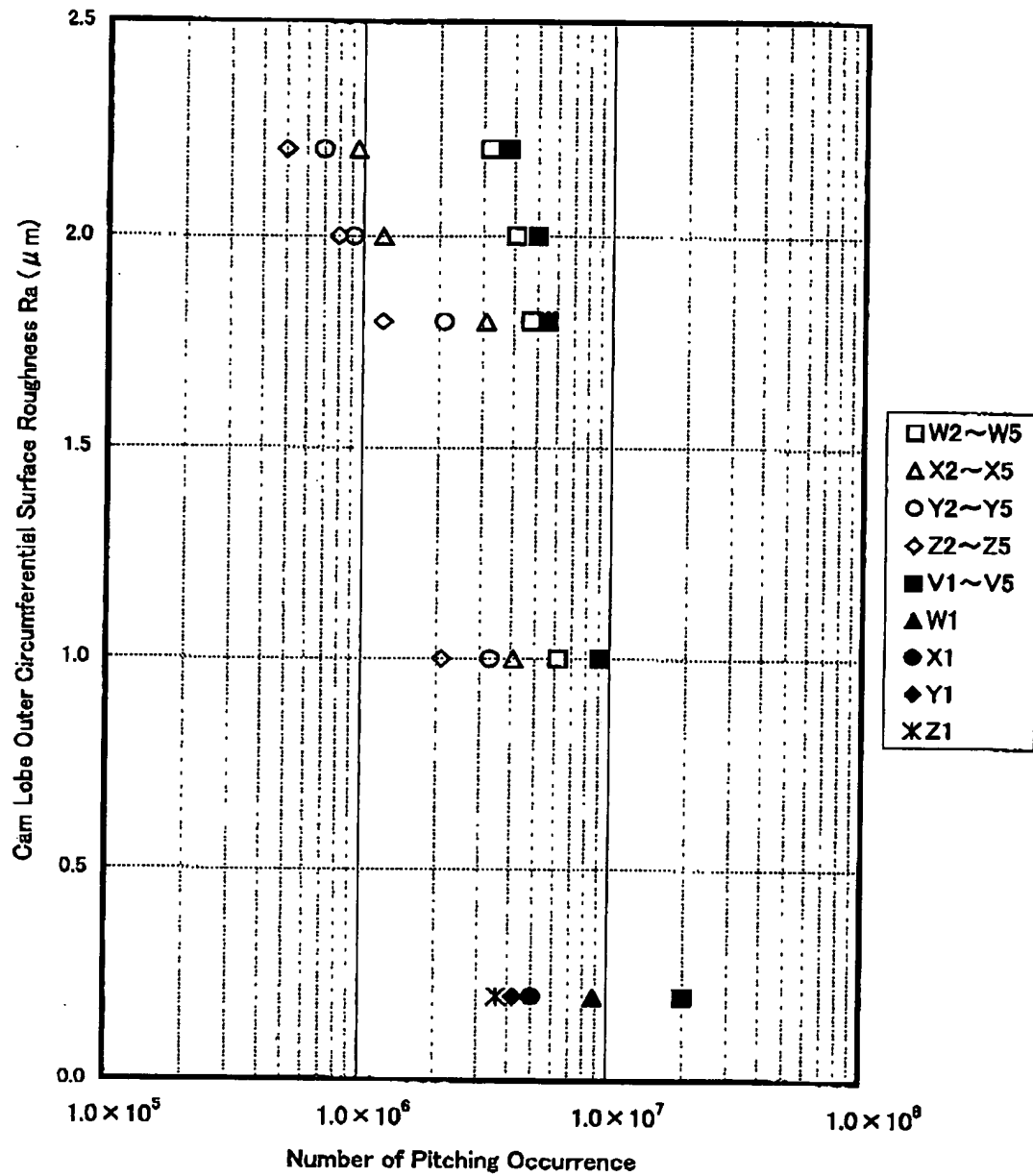


FIG. 8

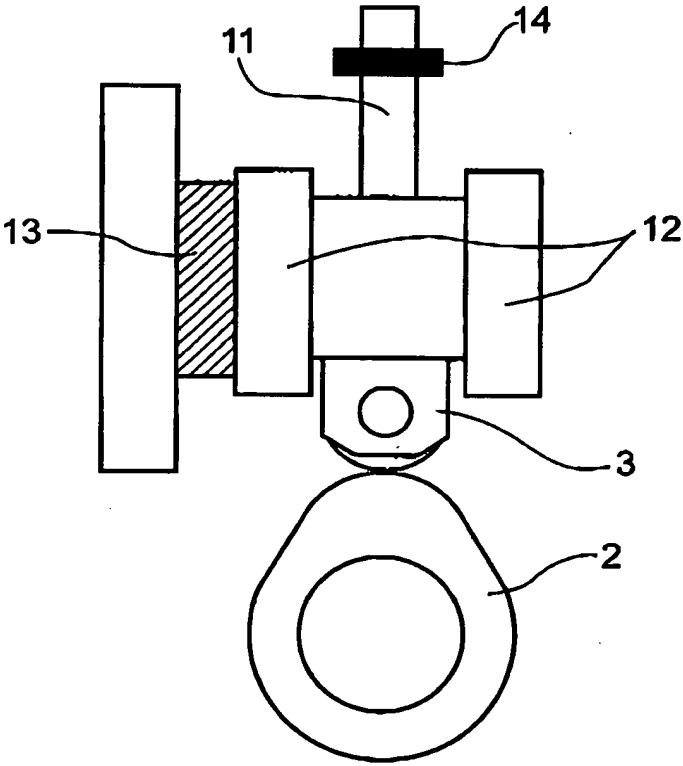




FIG. 9

